



# JOINT FIRE SCIENCE PROGRAM

## 2021 Primary Funding Opportunity Announcement Recipients

Task statement 1: Sources and distribution of human-caused ignitions and their relation to wildfire impacts

Title	Primary Investigator	Agency/Org(s)
Drivers of density, size, and efficacy of strategies for preventing human-ignited wildfires	Erica Fleishman	Oregon State University, College of Earth, Ocean, and Atmospheric Sciences
Machine Learning approach to forecast human-caused wildfires at actionable scales across the western US	Sadegh Mojtaba	Boise State University, Department of Civil Engineering
A Science-Management Partnership to Reduce Human-Caused Large Wildfires in the Southwest	Catrin M. Edgeley	Northern Arizona University, School of Forestry

Task statement 2: Reducing damages and losses to valued resources from wildfire

Title	Primary Investigator	Agency/Org(s)
Dual disturbances: Do fuel treatments and wildfire protect or harm sagebrush valued resources?	Beth A. Newingham	ARS-Agricultural Research Service, Great Basin Rangelands Research Unit
Quantifying Prescribed Fire's Capacity to Mitigate Wildfire-Induced Damage and Loss of Valued Resource	Christopher W Ross	Tall Timbers Research Station, Fire Ecology
Engineering Fire-resilient Forests: Understanding the potential for aspen to reduce wildfire hazard	Jennifer K. Balch	University of Colorado-Boulder, Department of Geography